

CI series

■ Ratings・Performance

| Specifications | Item | | Performance |
|--------------------------|--|--------------------------|--|
| Contact specification | Contact configuration | | 1a |
| | Contact resistance | | 100mΩ max. (at DC6V 1A) |
| | Contact material | | Ag alloy |
| Ratings | Rated load (resistive load) | | AC250V 20A |
| | Max. switching capacity (resistive load) | | 5000VA |
| | Max. switching voltage | | AC250V |
| | Max. switching current | | 20A |
| Electrical capability | Insulation resistance | | 100MΩ min. (at DC500V) |
| | Dielectric strength | Between coil and contact | AC4000V 1 min |
| | | Between open contact | AC1000V 1 min |
| | Impulse withstand voltage (between coil and contact) | | 8500V min. (1.2 × 50 μs) |
| | Operate time (at rated voltage on, at 20°C) | | 20ms max. (excluding contact bounce time) |
| | Release time (at rated voltage off, at 20°C) | | 10ms max. (excluding contact bounce time) |
| Mechanical capability | Vibration resistance | Malfunction | 10 to 55 to 10Hz (double amplitude 1.5mm) |
| | | Destruction | 10 to 55 to 10Hz (double amplitude 1.5mm) |
| | Shock resistance | Malfunction | 100m/s ² |
| | | Destruction | 1000m/s ² |
| Life | Mechanical endurance (at 60 times/min) | | 1 000 000 times min. |
| | Electrical endurance (resistive load) (at 6 times/min) | | 100 000 times min. (at rated load) |
| Conditions for operation | Ambient temperature | | -20°C to +60°C (no freezing and condensing at low temperature) |
| | Ambient humidity | | 5% to 85%RH |
| Mass | | | approx. 23g |

● Notes: The above is the initial value.

DEC is a professional manufacturer of relays

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